

REMARKS

Claims 1-20 are all the claims pending in the application.

Claims 1-20 are rejected under 35 U.S.C. 112, second paragraph.

The drawings submitted during filing of the application on April 5, 2005 are objected to by the Examiner.

Claims 1-20 would be allowable if rewritten or amended to overcome the rejection(s) under 35 U.S.C. 112, second paragraph, set forth in this Office Action.

The Applicants traverse the rejections and request reconsideration.

Objections to the Drawings

The Applicants respectfully refer the patent office to MPEP 608.02 (p). As described in this section, US patent laws and rules allow use of reference character and numerals in the drawings which are in turn described in the Specification. The submitted block diagrams in Figs. 1- 4 denote items by naming them or by reference numerals which are in turn described in the Specification. These drawings, when read in conjunction with the Specification, are understandable and clear to a skilled artisan. The patent office is requested to withdraw the objections to the drawings.

Amendment to the Specification

The Specification and claim 1 have been amended to rectify an editorial error. As shown in Figs. 1 and 5, i_u , i_v and i_w are input to BPF of Fig. 5 from the current detector 1-8 of Fig. 1. No new matter is added by the amendment.

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Patent Application No.: 10/530,173

Attorney Docket No.: Q87280

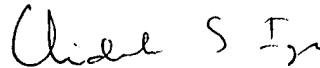
Rejection of claims 1-20 under section 112

The Applicants respectfully amend the claims to overcome the grounds for their rejection under section 112.

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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23373

CUSTOMER NUMBER

Date: March 30, 2006

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AMENDMENTS TO THE DRAWINGS

Please replace Figs. 1-6 with the replacement drawing sheets submitted herewith. No new matter has been added.

Attachment: Six (6) Replacement Sheets (Figs. 1-6)